

RAW SEQUENCE LISTING

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<110> APPLICANT: DONG, ZHENG XIN
 COY, DAVID H.
 <120> TITLE OF INVENTION: GLP-1 ANALOGUES
 <130> FILE REFERENCE: 00537/187001

 <140> CURRENT APPLICATION NUMBER: 09856676
 <141> CURRENT FILING DATE: 2001-07-16
 <150> PRIOR APPLICATION NUMBER: US/09/206,833A
 <151> PRIOR FILING DATE: 1998-12-07
 <160> NUMBER OF SEQ ID NOS: 165
 <170> SOFTWARE: PatentIn Ver. 2.0

 <210> SEQ ID NO 1
 <211> LENGTH: 30
 <212> TYPE: PRT
 <213> ORGANISM: Artificial Sequence
 <220> FEATURE:
 <223> OTHER INFORMATION: Description of Artificial Sequence: Mutagen
 <220> FEATURE:
 <223> OTHER INFORMATION: this sequence has an amidated c-terminus
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 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

 <210> SEQ ID NO 2
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 <223> OTHER INFORMATION: Description of Artificial Sequence: Mutagen
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 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
 20 25 30

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 <400> SEQUENCE: 3
 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

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 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
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 <210> SEQ ID NO 5

<211> LENGTH: 30
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 <223> OTHER INFORMATION: N-epsilon-alkanoyl-lysine
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 1 5 10 15
 Gln Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

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 <223> OTHER INFORMATION: N-epsilon-alkanoyl-lysine
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 Gln Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
 20 25 30

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<210> SEQ ID NO 9
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 <223> OTHER INFORMATION: N-epsilon-alkanoyl-lysine

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 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Xaa Gly Arg Gly
 20 25 30

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<220> FEATURE:
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 1 5 10 15
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 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Xaa Gly Arg Gly
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 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Xaa Gly Arg
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<210> SEQ ID NO 14
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 <223> OTHER INFORMATION: N-epsilon-alkanoyl-lysine
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 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Xaa Gly Arg Gly
 20 25 30

<210> SEQ ID NO 15
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 <400> SEQUENCE: 15
 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Xaa Gly Arg
 20 25 30

<210> SEQ ID NO 16
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 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Xaa Gly Arg Gly
 20 25 30

<210> SEQ ID NO 17
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 <223> OTHER INFORMATION: N-epsilon-alkanoyl-lysine
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 Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln
 1 5 10 15
 Ala Ala Arg Glu Phe Ile Ala Trp Leu Val Xaa Gly Arg
 20 25

<210> SEQ ID NO 18
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